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FORM PTO-1449
(REV. 2-32)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

AGY-33,316

SERIAL NO.

09/ 321,182

APPLICANT Sridhar Krishna Rabin dran
Haly In He; Maya Prakash Singh; Lee Martin

FILING DATE

5/27/99

GROUP Greenberger

1642

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	AL						
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AQ	Cole, R.J., and Cox, R.H., Tremorgen Group, In Handbook of Toxic Fungal Metabolites, 1981, Academic Press, New York, 355-367
AR	Durr, F.F., et al., Cancer Treat. Rev., 10, 3-11, 1983
AS	Bhalla, K, et al., Cancer Res., 45, 3657-3662, 1985

EXAMINER

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	AQ	D.M. Harrison et al., Tetrahedron Letters, Vol. 27, No. 4, pp. 521-524, 1986
	AR	M. Nakagawa et al., Tetrahedron Letters, Vol. 27, No. 28, pp. 3235-3238, 1986
	AS	

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ALQ		Barist, G., et al, J.Biol. Chem., 261, 15544-15549, 1986
		R. Plate et al., J. Org. Chem. 1987, 52, 560-564
AR		Hindenburg, A.A., et al, Cancer Res., 47, 1421-1425, 1987
		Greenberger, L.M., et al, J.Biol.Chem., 262, 13685-13689, 1987
AS		Gruber, A. et al, Int. J. Cancer, 41, 224-226, 1988

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ALQ		Kramer, R.A. et al, Science, 24(1), 694-697, 1988
AR		Dalton, W.S., et al, Cancer Res., 48, 1882-1888, 1988
		S. Kodato et al., Tetrahedron, Vol. 44, No. 2, pp. 359-377, 1988
AS		Young, R.C. Drug resistance; the clinical problem, In Drug Resistance In Cancer Therapy, R.F. Ozols, Editor, Kluwer Acad. Press, Boston, 1-12, 1989

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	AQ	M. Nakagawa et al., Chem. Pharm. Bull. 37(1), 23-32 (1989)
	AR	T. Hino et al., Tetrahedron, Vol. 45, No. 7, pp. 1941-1944, 1989
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	AQ		Goldstein, L.J. et al, J.Natl. Canc. Inst, 81, 116-124, 1989
	AR		Lui, L.F., DNA topoisomerase poisons as antitumor drugs, Annu. Rev. Biochem., 58, 351-375, 1989
	AS		Nishiyama, M. and Kuga T., Japan J. Pharmacol., 50, 167-173, 1989

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	AQ		Cole, S.P.C., et al, Br.J.Cancer, 59, 42-46, 1989										
	AR		Harker, W.G. et al, Cancer Res., 49, 4542-4549, 1989										
	AS		McGrath, T., et al, Cancer Res., 48, 3959-3963, 1989										

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	AQ		Ford, J.M. et al, Cancer Res., 50, 1748-1756, 1990
	AR		Baas, R. et al, Cancer Res, 50, 5392-5398, 1990
	AS		Ellason, J.F. et al, Int. J. Cancer, 46, 113-117, 1990

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	AQ		Nishiyama, M. and Kuga T., Japan J. Pharmacol., 52, 201-208, 1990
	AR		Chen, Y.N. et al, J. Biol. Chem., 265, 10073-10080, 1990
	AS		Skehan, P. et al, J. Nat. Cancer Inst., 82, 1107-1112, 1990

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AQ		Dietel, M., et al, Cancer Res., 50, 6100-6106, 1990
AR		Rubinstein, L.V. et al, J. Nat. Cancer Inst., 82, 1113-1117, 1990
AS		Faulds, D., et al, Drugs, 41, 400-449, 1991

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	AQ		Cowan, J.D. et al, J.Nat. Canc.Inst., 83, 1077-1084, 1991
	AR		Taylor, C.W. et al, Br.J.Cancer, 63,923-929, 1991
	AS		Harker, W.G. et al, Biochemistry, 30, 9953-9961, 1991

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	AQ	Nakagawa, M., et al, Cancer Res., 52, 6175-6181, 1992
	AR	Chabner, B.A., Camptothecins, J.Clin.Oncol., 10, 3-4, 1992
	AS	Versantvoort, C.H.M., et al, Br.J.Cancer, 68, 939-946, 1993

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	AQ	Gottesman, M.M. and Pastan, T., Annu. Rev. Biochem, 62, 385-427, 1993
	AR	Arceci, R.J., Blood, 81, 2215-2222, 1993
	AS	Scheper, R.J. et al, Cancer Res., 53, 1475-1479, 1993

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	AQ	Arceici, R.J. et al., Cancer Res., 53, 310-317, 1993
	AR	Greenberger, L.M., et al., In Vitro Models of Multiple Drug Resistance and L.J. Goldstein and R.F. Ozols, Editor Kluwer Academic Publishers, Norwell, MA, 69-106, 1994
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	AR		Kluwer Academic Publishers, Norwell, MA 149-165, 1994
	AS		Zhang, X.P., et al, Oncol. Res., 6, 291-301, 1994

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	AR		Zaman, G.J.R., et al, Proc. Natl. Acad. Sci, USA, 91, 8822-8826, 1994
	AS		Jedlitschky, G. et al, Cancer Res., 54, 4833-4836, 1994

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STATEMENT BY APPLICANT

APPLICANT Sridhar Krishna Rabintran
Hailyin He; Maya Prakash Singh; Lee Martin

(Use several sheets if necessary)

FILING DATE

GROUP Greenberger

5/27/99

1642

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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FOREIGN PATENT DOCUMENTS

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	AL						
	AM						
	AN						
	AO						
	AP						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AQ		Futscher, B.W. et al, Biochem. Pharmacol., 47, 1601-1606, 1994
AR		Flens, M.J. et al, Cancer Res., 54, 4557-4563, 1994
AS		Leifer, I., et al, J. Biol. Chem, 269, 27807-27810, 1994

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (REV. 2-32) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. ACY-33,316	SERIAL NO. 09/321,182
	APPLICANT Sridhar Krishna Rabinathan Halyin He; Maya Prakash Singh; Lee Martin	
	FILING DATE 5/27/99	GROUP Greenberger 1642

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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	AM													
	AN													
	AO													
	AP													

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AQ		Abe, T., et al, Br.J.Cancer, 72, 418-423, 1995
	AR		Tasaki, Y., et al, J. Urology, 154, 1210-1216, 1995
	AS		Gekeler, V., et al, Biochem. Biophys. Res. Commun., 206, 119-126, 1995

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	AL						
	AM						
	AN						
	AO						
	AP						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AQ	Goldstein, L.J., Current Prob. Cancer, 19, 65-124, 1995
	AR	Brock, L., et al, Cancer Res., 55, 459-462, 1995
	AS	Harker, W.G. et al, Cancer Res., 55, 4962-4971, 1995

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	AO							
	AP							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AQ	Lois, A.F., et al, Cancer Res., 55, 4010-4013, 1995
AR	Yang, C.H. et al, Cancer Res., 55, 4004-4009, 1995
AS	Bow, E.J., J. Clin. Oncol., 14, 1345-1352, 1996

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	AQ	Tannock, I.F., J. Clin. Oncol., 14, 1756-1764, 1996
	AR	Loe, D.W., et al, European J. Cancer, 32A, 945-957, 1996
	AS	Greenberger, I.M., et al, Oncol. Res., 8, 207-218, 1996

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AQ	C.B. Cui et al., Journal of Antibiotics, June 1996
AR	T. Hino and M. Nakagawa, Heterocycles, Vol. 46, 1997
AS	H. Wang and A. Ganesan, Tetrahedron Letters, Vol. 38, No. 24, pp. 4327-4328, 1997

EXAMINER

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Substitute for form 144B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known Application Number 99/321,182 Filing Date May 27, 1999 First Named Inventor Sridhar Krishna Rabindran Group Art Unit 1656 Examiner Name Jezia Riley Attorney Docket Number ACY33316		
Sheet	1	of	1		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS			
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	3.	O'Malley, Gerard J. et al, Tetrahedron Lett. (1987), 28(11), 1131-4.	
	4.	Bailey, Patrick D., et al, Tetrahedron Lett. (1989), 30(46), 6421-2.	
	5.	Bailey, Patrick D. et al, J.Chem.Soc., Perkin Trans. 1 (1993), (4), 451-8.	
	6.	Cui, Cheng-Bin. et al, J. Antibiot. (1996), 49(6), 527-533.	
	7.	Cui, Cheng-Bin, et al, Tetrahedron (1996), 52(39), 12651-12666.	
	8.	Cui, Cheng-Bin, et al, Tennen Yuki Kagobutsu Toronkai Koen Yoshishu (1996), 38 th , 49-54.	
	9.	Cui, Cheng-Bin, et al, Tennen Yuki Kagobutsu Toronkai Koen Yoshishu (1996), 38 th , 49-54. (English Abstract)	<input type="checkbox"/>

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